

63. (Not Amended Herein) The ink according to Claim 82, wherein the self-dispersing pigment is a self-dispersing carbon black to the surface of which at least one hydrophilic group is bonded directly or through another atomic group.

64. (Not Amended Herein) The ink according to Claim 63, wherein the hydrophilic group is anionic.

65. (Not Amended Herein) The ink according to Claim 64, wherein the resin encapsulating a coloring material has an anionic hydrophilic group at the surface thereof.

66. (Not Amended Herein) The ink according to Claim 63, wherein the hydrophilic group is cationic.

67. (Not Amended Herein) The ink according to Claim 66, wherein the resin encapsulating a coloring material has a cationic hydrophilic group at the surface thereof.

68. (Not Amended Herein) The ink according to Claim 82, further comprising a pigment dispersant.

69. (Not Amended Herein) The ink according to Claim 63, further comprising a pigment dispersant having an anionic hydrophilic group when the hydrophilic group bonded to the surface of the self-dispersing carbon black is anionic.

70. (Not Amended Herein) The ink according to Claim 63, further comprising a pigment dispersant having a cationic hydrophilic group when the hydrophilic group bonded to the surface of the self-dispersing carbon black is cationic.

73. (Not Amended Herein) The ink according to Claim 82, wherein the pigment and the coloring material have the same color.

74. (Not Amended Herein) The ink according to Claim 82, wherein the coloring material is encapsulated in a microcapsule made of the resin.

75. (Not Amended Herein) An ink cartridge, comprising an ink container containing an ink according to Claim 82.

76. (Not Amended Herein) A recording unit, comprising:  
an ink container containing an ink according to Claim 82,  
a recording head, and  
means for feeding the ink from the ink container to the recording head.

77. (Not Amended Herein) An ink set comprising a first ink and a second ink in combination, wherein the first ink is an ink according to Claim 82, and each of the first and second inks has a color selected from the group consisting of yellow, magenta, cyan, black, red, green and blue.

78. (Not Amended Herein) An image recording process, comprising the step of applying an ink according to Claim 82 to a recording medium by an ink-jet process.

79. (Not Amended Herein) An image recording process, comprising the step of applying at least two color inks to a recording medium using an ink-jet method to form a multi-color image, wherein one ink is an ink according to Claim 66 or 70, and the other ink comprises a compound having an anionic group.

80. (Not Amended Herein) An image recording apparatus, comprising:  
an ink container containing an ink according to Claim 82; and  
an ink-jet head for ejecting the ink.

81. (Not Amended Herein) An image recording apparatus, comprising:  
ink containers containing first and second inks respectively, and a recording head for ejecting the respective inks, wherein the first ink is an ink according to Claim 66 or 70, and the second ink is an anionic ink.

82. (Amended) An aqueous ink for an ink-jet printing process comprising:  
a self-dispersing pigment and a resin encapsulating a coloring material, both of which are dispersed in an aqueous medium at a certain solid concentration,